

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A biodegradable common bile duct stent for longitudinal and tranverse incisions at multiple parts of a common bile duct or a common hepatic duct,

wherein the stent includes a tube structure with thin and continuous walls, and includes an outer shape substantially equal to an anatomical shape of the common bile duct,

wherein outer diameters of various parts of the stent is formed with multiple parts, each of the multiple parts having an outer diameter are substantially equal to 1 to 3 times ~~an~~ inner-diameter diameters of corresponding parts of the common bile duct of a healthy person,

wherein the stent is made of biodegradable polymeric material including X-ray opaque components, and

wherein the said continuous wall of the stent has an outer surface comprising multiple protruding rims separated by a distance of between 5 and 10 mm, wherein the cross section of ring-shaped rims is in a form of square with round angles, and wherein the width and height of the ring-shaped rims are 1-2 mm, respectively.

2. (Cancelled)

3. (Original) The stent according to Claim 1, wherein the stent has a length in the range of 10-80 mm and thickness of the wall in the range of 0.2-2 mm.

4. (Original) The stent according to Claim 1, wherein the said biodegradable polymers are selected from a group consisting of a poly(lactic acid), a poly(glycolic acid), a poly(ϵ -caprolactone) and a random or a block copolymer of lactic acid, a glycolic acid, and an ϵ -caprolactone.

5. (Previously Presented) The stent according to Claim 1, wherein the said X-ray opaque components comprise barium sulfate and inorganic salts or oxides of bismuth, tantalum or tungsten, and an amount of the X-ray opaque components is between 5 and 50 % by weight based on a weight of the stent.

6-11. (Cancelled)

12. (Previously Presented) The stent according to Claim 1, wherein the stent is formed by an injection molding process or an extrusion blowing process.